

XRLED 1600-W BWS

Model: PR-8193

WDMX | LED | 10m | IP20 | T_c75°C | T_a45°C |

Version: 20251031

LED Lighting



XRLED1600-W BWS(Three in One .With functions of Beam, Spot and Wash.) is a moving head fixture using 700W LED white engine as its light source. It has high-performance brand light source, brand new optical lens with efficacy more than 60%, beam angle(5°-60°). It uses our many innovative technologies like linear color temperature(1800K-6500K), brightness uniformity calibration, colors based on standard LEE color chart, auto-focusing, multiple dimmer modes, very quiet running and etc., realizing more professional and fantastic stage effects. It is small and compact with weight of 23.6KG and integrated and foldable clamp, easy for transportation and installation. It's for TV studios, theatres, performing stages and etc..

700W LED, BWS



Rotating gobo Gobo diameter: (Φ24mm ,Gobo image diameter: Φ18mm)



Fixed gobos

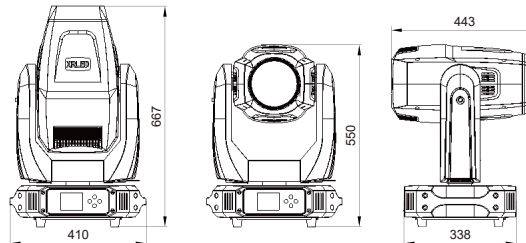
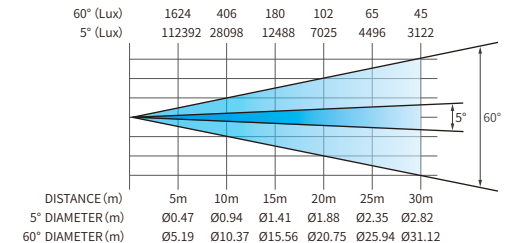


Color wheel



Light Output

Beam/Spot Mode



Specifications

- Input voltages
100V~240V AC, 50/60Hz
- Input Power
850W @ 220V
- Light source
700W, White LED module(8000K, >20000hour)
CRI : Ra ≥ 70
- Colors
CMY color mixing system with macros
1 Color wheel: 7colors+ Open,
Half color , bi-directional rainbow effect at variable speeds,
Stepping/linear color changing
- CTO
Linear CTO system(0-100%, 1800K-6500K)
- Gobos
1 Rotating gobo wheel: 8 Rotating Gobos +Open
Bi-directionally rotatable, and shakable at variable speeds
Gobo Replaceable
Gobo diameter: Φ24mm ,Gobo image diameter: Φ18mm
1 fixed gobo wheel:4 fixed Gobos +Open
Bi-directionally rotatable, and shakable at variable speeds
- Effect wheel
Bi-directional rotation at variable speeds
- Iris
5-100% linear with macros
- Prism
1pc, 3-facet circular prism, bi-directional rotation at variable speeds with indexing function
- Frost
1 frost filter ,0-100% linear
- Beam Angle
5°- 60°
linear with 16 bit control
- Focus
DMX linear with auto focus function
- Dimmer
Linear electronic dimmer 0-100% with 16 bit control
3 dimmer speeds
5 dimmer curves
Dimmer frequency(1.2K-25K) good for 4K high speed video camera
- Strobe
Electronic strobe 0.3~25 Hz, optional pulse, synchronized or non-synchronized strobe at slow, medium and fast speeds
- Head movement
Pan 540°, Tilt 270°
with auto position correction and 16 bit control
- Advanced macros
Color temperature macros: optional
2700K,3000K,3500K,4000K,4500K,5000K,5700K
Standard color macros: 89 color options based on standard color chart
- Fixture types
Including moving head light, fixed-focus profile light, zoom profile light
Moving head light with beam angle range(5-60°)
Fixed focus profile light with beam angle options including 5°,10°,19°,26°,36°,60°
Zoom profile light with beam angle ranges including 5-15°,15-35°,35-60°
(Note: Auto quiet theater mode for fixed focus profile light and zoom profile light)
- Fan mode
Standard and theater modes. Theater mode is quiet mode
- Brightness calibration function
With brightness calibration function to calibrate initial brightness for a single fixture or multiple ones and store brightness values into the fixtures
- CRI mode
Running at high CRI mode via DMX channel to ensure high CRI optical effect
- Control
International standard DMX512 signal and RDM function
31channels in short mode, 36channels in standard mode,41channel in extended mode
Art Net protocol(optional) , sACNprotocol(optional), DMX512 wireless control
Master/Slave mode
Standalone mode
Master Mode
- Control Interface
DMX512 ports(5-pin) Ethernet port RJ45
- Other Functions
Adjustable Pan & Tilt speeds
Pan and Tilt invertible and swappable
Light source's and fixture's hours displayed
LCD color Chinese/English screen, display invertible and touch keys
Intelligently controllable fans
Sensor diagnostic system
Input signal isolated
modular construction for easy maintenance
DMX channel voltages monitoring
Non-touchable magnetic sensor for positioning, signal feedback, absolute position memory, auto-positioning after power-off or DMX signal disruption
Firmware upgrade via DMX cable
Optional ethernet port
- Housing
High temperature ABS, IP20
- Net Weight
23.6Kg
- Ambient Temperature
Temperature at maximum 45°C